



SEQUENCE LISTING

<110> Bott, Richard R.
Clarkson, Kathleen A.
Fowler, Timothy
Liu, Chung-Cheng
Ward, Michael
Xia, Hai-Ying

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Same

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<140> US 09/955,555
<141> 2001-09-17

<150> US 08/559,958
<151> 1995-11-17

<150> US 60/005,701
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Ser Ser Lys Ala Glu Lys Asn Ala Asp Val Asn Arg Asp Gly Arg Val
 35          40          45
Asn Ser Ser Asp Val Thr Ile Leu Ser Arg Tyr Leu Ile Arg Val Ile
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Thr Asp Asn Ala Asp Leu Asn Glu Asp Gly Arg Val Asn Ser Thr Asp
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Leu Gly Ile Leu Lys Arg Tyr Ile Leu Lys Glu Ile Asp Thr Leu Pro
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Tyr Lys Asn
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 Thr Asp Asn Ala Asp Leu Asn Glu Asp Gly Arg Val Asn Ser Thr Asp
 35 40 45
 Leu Gly Ile Leu Lys Arg Tyr Ile Leu Lys Glu Ile Asp Thr Leu Pro
 50 55 60
 Tyr Lys Asn Pro Gly Val Pro Ser Lys Gly Met Ala Asn Cys Asp Phe
 65 70 75 80
 Val Leu Gly Tyr Asp Pro Asn Val Leu Glu Val Thr Glu Val Lys Pro
 85 90 95
 Gly Ser Ile Ile Lys Asp Pro Asp Pro Ser Lys Ser Phe Asp Ser Ala
 100 105 110
 Ile Tyr Pro Asp Arg Lys Met Ile Val Phe Leu Phe Ala Glu Asp Ser
 115 120 125
 Gly Arg Gly Thr Tyr Ala Ile Thr Gln Asp Gly Val Phe Ala Thr Ile
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 Val Ala Thr Val Lys Ser Ala Ala Ala Pro Ile Thr Leu Leu Glu
 145 150 155 160
 Val Gly Ala Phe Ala Asp Asn Asp Leu Val Glu Ile Ser Thr Thr Phe
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 Val Ala Gly Gly Val Asn Leu Gly Ser Ser Val Pro Thr Thr Gln Pro
 180 185 190
 Asn Val Pro Ser Asp Gly Val Val Glu Ile Gly Lys Val Thr Gly
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 Ser Val Gly Thr Thr Val Glu Ile Pro Val Tyr Phe Arg Gly Val Pro
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 Ser Lys Gly Ile Ala Asn Cys Asp Phe Val Phe Arg Tyr Asp Pro Asn
 225 230 235 240
 Val Leu Glu Ile Ile Gly Ile Asp Pro Gly Asp Ile Ile Val Asp Pro
 245 250 255
 Asn Pro Thr Lys Ser Phe Asp Thr Ala Ile Tyr Pro Asp Arg Lys Ile
 260 265 270
 Ile Val Phe Leu Phe Ala Glu Asp Ser Gly Thr Gly Ala Tyr Ala Ile
 275 280 285
 Thr Lys Asp Gly Val Phe Ala Lys Ile Arg Ala Thr Val Lys Ser Ser
 290 295 300
 Ala Pro Gly Tyr Ile Thr Phe Asp Glu Val Gly Gly Phe Ala Asp Asn
 305 310 315 320
 Asp Leu Val Glu Gln Lys Val Ser Phe Ile Asp Gly Gly Val Asn Val
 325 330 335
 Gly Asn Ala Thr Pro Thr Lys Gly Ala Thr Pro Thr Asn Thr Ala Thr
 340 345 350
 Pro Thr Lys Ser Ala Thr Ala Thr Pro Thr Arg Pro Ser Val Pro Thr
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 Asn Thr Pro Thr Asn Thr Pro Ala Asn Thr Pro Val Ser Gly Asn Leu
 370 375 380
 Lys Val Glu Phe Tyr Asn Ser Asn Pro Ser Asp Thr Thr Asn Ser Ile
 385 390 395 400
 Asn Pro Gln Phe Lys Val Thr Asn Thr Gly Ser Ser Ala Ile Asp Leu
 405 410 415
 Ser Lys Leu Thr Leu Arg Tyr Tyr Thr Val Asp Gly Gln Lys Asp
 420 425 430
 Gln Thr Phe Trp Cys Asp His Ala Ala Ile Ile Gly Ser Asn Gly Ser
 435 440 445
 Tyr Asn Gly Ile Thr Ser Asn Val Lys Gly Thr Phe Val Lys Met Ser
 450 455 460
 Ser Ser Thr Asn Asn Ala Asp Thr Tyr Leu Glu Ile Ser Phe Thr Gly
 465 470 475 480

Gly Thr Leu Glu Pro Gly Ala His Val Gln Ile Gln Gly Arg Phe Ala
 485 490 495
 Lys Asn Asp Trp Ser Asn Tyr Thr Gln Ser Asn Asp Tyr Ser Phe Lys
 500 505 510
 Ser Ala Ser Gln Phe Val Glu Trp Asp Gln Val Thr Ala Tyr Leu Asn
 515 520 525
 Gly Val Leu Val Trp Gly Lys Glu Pro Gly Gly Ser Val Val Pro Ser
 530 535 540
 Thr Gln Pro Val Thr Thr Pro Pro Ala Thr Thr Lys Pro Pro Ala Thr
 545 550 555 560
 Thr Lys Pro Pro Ala Thr Thr Ile Pro Pro Ser Asp Asp Pro Asn Ala
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